Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079433.D
Acq On : 22 May 2015 15:14
Operator : TP/IZ
Sample : G2255-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KY024MW068-150512MS

Manual Integrations APPROVED
apatel
5/27/2015 8:15:22 AM

Quant Time: May 26 11:23:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 22 22:53:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	68239	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	287584	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	138019	20.00	ng		0.00
63) Phenanthrene-d10	12.63	188	255363	20.00	ng		-0.01
75) Chrysene-d12	15.93	240	250426	20.00	ng		-0.03
86) Perylene-d12	17.73	264	244451	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	11902m	3.00	ng		0.01
7) Phenol-d6	6.64	99	10512m	2.01	ng		0.01
23) Nitrobenzene-d5	7.75	82	34689	6.93	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	18361	12.30	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	86370	8.72	ng		0.00
78) Terphenyl-d14	14.63	244	127891	12.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	8451m	4.90	ng		
8) 2-Chlorophenol	6.79	128	22051m	4.90	ng		
9) Benzaldehyde	6.50	77	26857m	7.61	ng		
11) bis(2-Chloroethyl)ether	6.74	93	31122	6.98	ng		91
12) 1,3-Dichlorobenzene	6.97	146	28008	5.54	ng	#	91
13) 1,4-Dichlorobenzene	7.07	146	29077	5.59	ng		96
14) 1,2-Dichlorobenzene	7.26	146	28410	5.87	ng		98
15) Benzyl Alcohol	7.26	79	16378m	4.21	ng		
16) 2,2'-oxybis(1-Chloropropan	7.42	45	47401	6.95	ng		93
17) 2-Methylphenol	7.39	107	10252	2.83	ng	#	89
18) Hexachloroethane	7.67	117	9568	5.34	ng		92
19) n-Nitroso-di-n-propylamine	7.58	70	27449	7.76	ng		97
20) 3+4-Methylphenols	7.60	107	15077m	3.13	ng		
22) Acetophenone	7.56	105	51237	7.89	ng	#	90
24) Nitrobenzene	7.77	77	36013	7.26	ng	#	91
25) Isophorone	8.08	82	77422	8.35	ng		99
26) 2-Nitrophenol	8.17	139	12344	6.01	ng		97
27) 2,4-Dimethylphenol	8.24	122	10429	2.54	ng		98
28) bis(2-Chloroethoxy)methane	8.35	93	48158	8.42	ng		96
29) 2,4-Dichlorophenol	8.47	162	22594m	6.19	ng		
30) 1,2,4-Trichlorobenzene	8.56	180	23064	5.75	ng		97
31) Naphthalene	8.65	128	106812	7.79	ng		97
32) Benzoic acid	8.34	122	3236	7.40	ng		84
33) 4-Chloroaniline	8.74	127	25943	4.47	ng	#	92
34) Hexachlorobutadiene	8.81	225	12920	5.59	ng		98
36) 4-Chloro-3-methylphenol	9.36	107	23951	6.24	ng		98
37) 2-Methylnaphthalene	9.52	142	73215	7.71	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	27290	7.02	ng		98
40) Hexachlorocyclopentadiene	9.70	237	24992	12.79	ng		96
42) 2,4,6-Trichlorophenol	9.87	196	18584	6.95	ng		98
43) 2,4,5-Trichlorophenol	9.92	196	23064	8.54	ng	#	87
45) 1,1'-Biphenyl	10.10	154	93121	8.49	ng		97
46) 2-Chloronaphthalene	10.11	162	74867	8.75	ng		97
47) 2-Nitroaniline	10.25	65	22223	8.96	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	10.63	152	128025	9.11	ng		98
49) Dimethylphthalate	10.49	163	108779	10.74	ng		98
50) 2,6-Dinitrotoluene	10.56	165	25454	12.73	ng	#	55
51) Acenaphthene	10.83	154	77189	9.21	ng		100
52) 3-Nitroaniline	10.77	138	19842	7.95	ng		97
53) 2,4-Dinitrophenol	10.91	184	7075	17.86	ng	#	60
54) Dibenzofuran	11.05	168	116671	9.64	ng		99
55) 4-Nitrophenol	11.04	139	7295m	3.69	ng		
56) 2,4-Dinitrotoluene	11.06	165	26886	10.17	ng		90
57) Fluorene	11.47	166	104460	10.51	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.21	232	19570m	8.86	ng		
59) Diethylphthalate	11.36	149	116651	11.62	ng		99
60) 4-Chlorophenyl-phenylether	11.49	204	44530	10.10	ng		93
61) 4-Nitroaniline	11.52	138	20766	8.31	ng		97
62) Azobenzene	11.68	77	99189	10.03	ng		96
64) 4,6-Dinitro-2-methylphenol	11.57	198	7423	10.61	ng	#	69
66) 4-Bromophenyl-phenylether	12.09	248	27933	10.49	ng		95
67) Hexachlorobenzene	12.15	284	33081	10.87	ng	#	83
68) Atrazine	12.31	200	24012	9.71	ng		96
69) Pentachlorophenol	12.40	266	28610	21.54	ng		97
70) Phenanthrene	12.66	178	162598	11.38	ng		99
71) Anthracene	12.73	178	162103	11.57	ng		97
72) Carbazole	12.94	167	152939	11.45	ng		99
73) Di-n-butylphthalate	13.39	149	194722	12.16	ng		99
74) Fluoranthene	14.14	202	175255	11.77	ng		95
77) Pyrene	14.41	202	180707	12.52	ng		98
79) Butylbenzylphthalate	15.25	149	77854	12.34	ng	#	90
80) Benzo(a)anthracene	15.92	228	165240	12.05	ng		98
81) 3,3'-Dichlorobenzidine	15.90	252	14593	2.99	ng	#	96
82) Chrysene	15.95	228	154791	11.74	ng		99
83) Bis(2-ethylhexyl)phthalate	15.99	149	115469	12.09	ng		100
84) Di-n-octyl phthalate	16.81	149	191096	11.36	ng		97
85) Indeno(1,2,3-cd)pyrene	19.09	276	185302	11.03	ng		99
87) Benzo(b)fluoranthene	17.26	252	173370	12.96	ng		98
88) Benzo(k)fluoranthene	17.29	252	150589m	11.63	ng		
89) Benzo(a)pyrene	17.66	252	151263	12.28	ng		96
90) Dibenzo(a,h)anthracene	19.11	278	153054	11.69	ng		98
91) Benzo(g,h,i)perylene	19.47	276	156720	11.94	ng	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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